Title (en)

IMPLANT ARRANGEMENT

Title (de)

IMPLANTATANORDNUNG

Title (fr)

AGENCEMENT D'IMPLANT

Publication

EP 1890634 A4 20120509 (EN)

Application

EP 06733349 A 20060427

Priority

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Abstract (en)

[origin: WO2006130064A1] In an implant arrangement (1) extending in a hole formed between a tooth prosthesis and the zygoma (10), the longitudinal axis (7) of the implant extends at an angle (a) in relation to a longitudinal direction (21) for a fastening screw (33) by means of which the tooth prosthesis can be anchored to the implant. The tooth prosthesis has a receiving opening for the fastening screw, located on the inside of the tooth prosthesis. In its position when screwed into the zygoma, the implant is rotatable for orienting a receiving part for said fastening screw at said opening, and the fastening screw can be screwed into a corresponding thread in the receiving part. The fastening screw can be fastened via a surrounding sleeve which, via its first end, bears against the receiving part and, at its second end, supports a cap-shaped part with which the head of the fastening screw can be covered. The invention affords secure anchoring which counteracts, among other things, the accumulation of bacteria.

IPC 8 full level

A61C 8/00 (2006.01)

CPC (source: EP SE US)

A61C 8/0018 (2013.01 - EP US); **A61C 8/003** (2013.01 - SE); **A61C 8/0034** (2013.01 - EP US); **A61C 8/0075** (2013.01 - SE)

Citation (search report)

- [YA] EP 0599794 A2 19940601 - MEDEVELOP AB [SE]
- [YA] US 4993950 A 19910219 - MENSOR JR MERRILL C [US]
- [AP] WO 2005079697 A1 20050901 - BRAANEMARK INTEGRATION AB [SE], et al
- See also references of WO 2006130064A1

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